

Notice of Allowability	Application No.	Applicant(s)	
	10/082,309	OHTSUJI ET AL.	
	Examiner	Art Unit	
	CUONG H. NGUYEN	3661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to THE INTERVIEW ON 2/09/06.
2. ☒ The allowed claim(s) is/are 6,20; they are renumbered as claims 1-2. The submitted formal drawings are accepted.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2/09/06.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


CUONG H. NGUYEN
Primary Examiner
Art Unit: 3661

DETAILED ACTION

1. This Office Action is the answer to the proposed amendment from Mr. Stephen W. Palan which is received on 2/09/2006.

Status of the claims

2. Claims 6, and 20 are pending. Claim 5 was canceled in the latest amendment (9/07/2005).

Drawings

3. This application was filed with formal drawings, and they are acceptable.

Examiner's amendment:

4. An examiner's amendment to the record appears below. The authorization for this amendment was given in a telephone interview with Mr. Stephen W. Palan on 2/09/2006. Should the changes and additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The pending claim20 is amended as followed:

- A. Claim 20, substitute (at the end of the line) ". ." with -- ; --

- B. Claim 20, right after line 14, insert:

-- wherein said moving terminal device switches voice output between voice output from said audio interactive server and voice output from said voice synthesis processing unit after said moving terminal device receives from said audio interactive server voice data having a specific meaning notifying of a termination of communication with said moving terminal device. --

Allowable Subject Matter & Reasons for Allowance

5. Independent claim 6 is non-obvious over the closest references of M Artels (ATZ's article, Dialog® file 81, acc. No. 56739), and D Cott (Dialog® file 81, acc. No. 49320), and Treyz et al. (US Pat. 6,526,335), and Langseth et al. (US PGPub. 2003/0194065) because they do not anticipate nor fairly and reasonably teach a moving terminal device for outputting information obtained from an information distribution service provider, including map information, traffic information, besides other limitations, comprising:

- configuring to switch voice output between voice output from said audio interactive server and voice output from said voice synthesis processing unit after said moving terminal device receives from said audio interactive server voice data having a specific meaning notifying of a termination of communication with said moving terminal device.

6. Independent claim 20 is non-obvious over the closest references of M Artels (ATZ's article, Dialog® file 81, acc. No. 56739), and D Cott (Dialog® file 81, acc. No. 49320), and Treyz et al. (US Pat. 6,526,335), and Langseth et al. (US PGPub. 2003/0194065) because they do not anticipate nor fairly and reasonably teach an audio interactive server with navigation for, at the time of desiring map information, traffic information, and other required information in a car, inquiring an information distribution service provider for distribution said information and notifying a driver and a fellow passenger of said obtained information, besides other limitations, comprising:

- a moving terminal device switches voice output between voice output from said audio interactive server and voice output from said voice synthesis processing unit after

said moving terminal device receives from said audio interactive server voice data having a specific meaning notifying of a termination of communication with said moving terminal device.

7. Although Artels discloses that BMW developed an electronic navigation system, which use terrestrial magnetism, and a voice synthesizer, which is fitted to the Audi Quattro. Voice recognition systems are still being explored in vehicle's navigation field. Artels does not disclose about switching from voice to text mode. D Cott (SAE Journ. Automotive Engineering) teaches that a message can be retrieved by voice reports or screen displays as navigation aids. It would not have been obvious to one having ordinary skill in the art at the time the invention was made to combine their ideas for the advantage of extra controls although they recognize that a driver's eyes and hands are typically occupied with the safe operation of the vehicle;

Conclusion

8. Claims 6, and 20 are patentable. They are renumbered as claims 1-2.


9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CUONG H. NGUYEN whose telephone number is 571-272-6759. The examiner can normally be reached on 9:30 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, THOMAS G. BLACK can be reached on 571-272-6956. The Rightfax number for the organization where this application is assigned is 571-273-6956.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


CUONG H. NGUYEN
Primary Examiner
Art Unit 3661